

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3787	422/100.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/07 15:50
S2	726972	(valve or electro\$valve) same open\$3 same clos\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/08/07 15:50
S3	720	S1 and S2	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/07 15:50
S4	506	S3 and (control\$3 with (valve or electro\$valve))	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/07 15:50
S5	115	S4 and ((motor or motoriz\$5) with (pump or piston))	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/07 15:50
S6	30	S5 and ((volume or size) with precis\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/07 15:50
S7	30	S5 and ((multiple or plural\$3) with (pump))	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/07 15:50
S8	8	S5 and (pumps with different with (size or volume))	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/07 15:50
S9	11	S4 and (pumps with different with (size or volume))	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/07 15:50
S10	2	("3666420").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/07 15:50
S11	18	("3666420").URPN.	USPAT	OR	ON	2008/08/07 15:50
S12	19	("3484207" "3666420" "3848470" "3948605" "3948607" "3963148").PN. OR ("4207074").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/07 15:50
S13	383	S4 and (control\$3 same (open\$3 and clos\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/07 15:50

S14	290	S13 and ((valve or electro\$valve) with closed)	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/07 15:50
S15	46	S14 and (pumps with different)	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/07 15:50
S16	3794	422/100.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/14 17:50
S17	727470	(valve or electro\$valve) same open\$3 same clos\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/08/14 17:50
S18	723	S16 and S17	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/14 17:50
S19	509	S18 and (control\$3 with (valve or electro\$valve))	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/14 17:50
S21	44	S19 and play	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/14 18:10
S22	13	S16 and ((control\$3 or (control near means)) with play)	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/14 18:13
S24	4	S16 and (motor with back with gear)	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/14 18:16
S25	0	(gear with wear with play) and ((electro\$valve or ((electro\$3 or electromagnetic) near valve)) with control\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/08/14 18:18
S26	26	(gear with wear with play) same (eliminate with play)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/08/14 18:20
S27	54	(gear with wear with play) same (eliminat\$3 with play)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/08/14 18:20

S28	0	S27 and (electrovalve or (electromagnet\$3 with valve))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/08/14 18:20
S29	0	S27 and (electro\$valve or (electromagnet\$3 with valve))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/08/14 18:20
S30	6	S27 and valve	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/08/14 18:21
S31	108	(gear with wear with play) same ((eliminat\$3 or reduc\$4) with play)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/08/14 18:21
S32	14	S31 and valve	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/08/14 18:21
S33	46	("3266322" "3911749" "3912456" "4318885" "4457184" "4516437" "4635665" "4730631" "4820497" "4926701" "4948563" "5133373" "5186194").PN. OR ("5474744").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/14 18:46
S34	1203	73/863.01,863.32,864.01,864.11,864.15,864.17.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/14 19:04
S37	222	S34 and (contro\$3 same open\$3 same clos\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/14 19:05
S38	52	S34 and play	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/14 19:06
S39	6	S34 and (play with (motor or piston or pump or syringe))	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/14 19:06

S40	3902	137/613,614.11.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/14 19:08
S41	2	S40 and (play with (motor or piston or pump or syringe))	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/14 19:08
S47	0	S40 and (play with (gear\$3 or motor))	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/14 19:11
S48	10	S40 and (control\$3 with (electrovalve or (electromagnet\$3 near valve)))	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/14 19:11
S49	2	((((pumping near unit) or syringe or piston near\$3 pump)) and (motor or (actuator\$3 near means)) and (electrovalve or (electromagnetic near valve)) and (volume with (chamber or pump\$3 or syringe)) and control\$3).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/15 11:13
S50	3902	137/613,614.11.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/15 11:16
S51	1203	73/863.01,863.32,864.01,864.11,864.15,864.17.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/15 11:16
S52	3794	422/100.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/15 11:16
S53	1	(S50 or S51 or S52) and ((pump or pump\$3) motor volume control \$3 (electrovalve or electro\$valve or (electromagnetic near valve))).clm.	US-PGPUB; USPAT; USOCR	AND	ON	2008/08/15 11:18
S54	2	(S50 or S51 or S52) and ((pump or pump\$3 or piston) motor\$7 volume control\$3 (electrovalve or electro\$valve or (electromagnetic near valve))).clm.	US-PGPUB; USPAT; USOCR	AND	ON	2008/08/15 11:19
S55	4	(S50 or S51 or S52) and ((pump or pump\$3 or piston or syringe) motor\$7 control\$3 (electrovalve or electro\$valve or (electromagnetic near valve))).clm.	US-PGPUB; USPAT; USOCR	AND	ON	2008/08/15 11:28

8/15/2008 3:08:37 PM

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